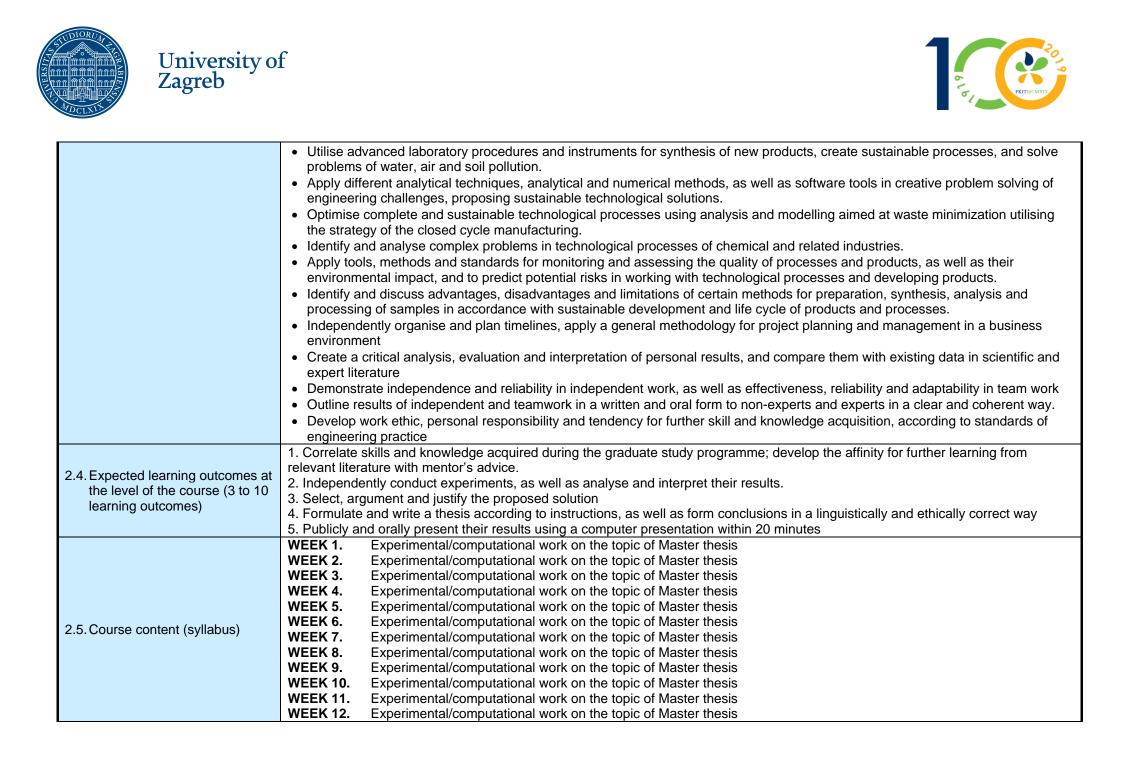






1. GENERAL INFORMATION										
1.1 Course teacher	Teachers in all scientific-resea Faculty of Chemical Engineeri University of Zagreb and Facu Technology, University of Splir graduate study programme Ch Environmental Technology	ng and Technology, Ilty of Chemistry and t who teach at the	1.6 Year of the study	2 (4 th semester)						
1.2 Name of the course	Master thesis		1.7 ECTS credits	30						
1.3 Associate teachers			1.8 Type of instruction (number of hours L + E + S + e-learning)	Total:300 (0L+300E+0S)						
1.4 Study programme (undergraduate, graduate, integrated)	Graduate		1.9 Expected enrolment in the course	20						
1.5. Status of the course	Mandatory	elective	1.10 Level of application of e-learning (level 1, 2, 3), percentage of online instruction (max. 20%)	1						
2. COUSE DESCRIPTION	2. COUSE DESCRIPTION									
2.1. Course objectives	By writing a master thesis, which is a comprehensive task, students will through independent work demonstrate the ability to analyse and solve a given problem from a theoretical and practical point of view. Students will independently conduct the experimental part of their thesis in the laboratory with the aid of relevant scientific literature and mentor suggestions; they will outline solutions to the problem in a written format, using knowledge acquired through classes at the graduate study programme. Finally, students will present their thesis in a written and oral format. Mentors, teachers in all scientific-research positions suggest the thesis, and the Faculty council appoints mentors to students.									
2.2. Enrolment requirements and/or entry competences required for the course	Audited all courses from the 1 st , 2 nd and 3 rd semester.									
2.3. Learning outcomes at the level of the programme to which the course contributes	 Compile and apply advanced knowledge of natural and technical sciences, particularly chemical engineering and environmental engineering in solving scientific, professional and general social problems. Solve engineering problems using the scientific method combining expert knowledge from chemistry, environmental, and chemical engineering as well as material science and engineering. Correlate expert knowledge from chemistry, chemical engineering and material engineering with awareness of influence on society, economy and environment. Plan and independently perform experiments in order to confirm a hypothesis to estimate economic and ecological efficiency of processes. 									







	WEEK 14. Experim	nental/com	putational w	ork on the topic of Master th ork on the topic of Master th ork on the topic of Master th	esis						
	 lectures seminars and workshops exercises online in entirety partial e-learning field work 				independent assignments		2.7. Comments:				
2.6. Format of instruction:				 multimedia and the internet laboratory work with mentor (other) 							
2.8. Student responsibilities	To fulfil all tasks defined by Master thesis. When the student receives a positive grade from the mentor, he/she will defend the Master thesis before the Committee.										
2.9. Monitoring student work	Class attendance		NO	Research	YES		Oral exam		YES		
	Experimental work	YES		Report		NO	Independent and group assignments			NO	
	Essay		NO	Seminar paper		NO	Writing a master thesis		is YES		
	Preliminary exam		NO	Practical work	YES		Public defence of the master thesis		YES		
	Project		NO	Written exam		NO	ECTS credits (total)		30		
2.10. Required literature (available in the library and/or via other media)	Titl			Title	itle			Number of copies in the library	Availability via other media		
	According to mentor ir	nstructions									
2.11. Optional literature	According to mentor ir	nstructions									
2.12. Other (as the proposer wishes to add)											